

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))Attorney Docket No. 1207.P004XC6

(maximum 12 characters)

First Named Inventor Benjamin S. TingTitle: ARCHITECTURE AND INTERCONNECT SCHEME FOR PROGRAMMABLE LOGIC CIRCUITSExpress Mail Label No. EV409358900USADDRESS TO: **Commissioner for Patents**
PO Box 1450
Alexandria, Virginia 22313-1450**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 58)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. X **Drawings(s) (35 USC 113) (Total Sheets 20)**
5. X **Oath or Declaration (Total Pages 2)**
 - a. Newly Executed (Original or Copy)
 - b. X Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- b. Power of Attorney
11. English Translation Document (if applicable)
12. X a. Information Disclosure Statement (IDS)/PTO-1449
- b. Copies of IDS Citations
13. X **Preliminary Amendment**
14. X **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
- 17A. X Other: Certificate of Express Mail with copy of postcard showing contents of
- Express Mail package.

- 17B. X Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

 X Continuation Divisional Continuation-in-part (CIP)

Of Prior Application No.: 10/428,724 Examiner Tan, Vibol Group Art Unit 2819

(which is a continuation of prior application no. 10/117,875, U.S. Patent No. 6,597,196,
which is a continuation of prior application no. 09/482,149, U.S. Patent No. 6,462,578,
which is a continuation of prior application no. 08/909,928, U.S. Patent No. 6,051,991,
which is a continuation of prior application no. 08/534,500,
which is a continuation of application no. 08/229,923,
which is a continuation-in-part of prior application no. 08/101,197, U.S. Patent No. 5,457,410.)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address

 Customer Number or Bar Code Label

or (Insert Customer No. or Attach Bar Code Label

here)

 X Correspondence Address Below

NAME Daniel E. Ovanezian

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Daniel E. Ovanezian Registration No.: 41,236

Signature:  Date: 4/21/04

(FY 2004 Begins 10/01/2003)

Complete if Known:

Filing Date Herewith

Examiner Name Not yet assigned

| | |
|----------|------------------|
| Art Unit | Not yet assigned |
|----------|------------------|

Attorney Docket No. 1207.P004XC6

Applicant claims small entity status. See 37 CFR 1.27.

| | | | | | |
|----------|--------------|--------------------|--------------------|--------------|-------------|
| X | Check | Credit Card | Money Order | Other | None |
|----------|--------------|--------------------|--------------------|--------------|-------------|

X Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

X The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

X Credit any overpayments.

X Charge any additional fees during the pendency of this application.

 X Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

 Charge fee(s) indicated below except for the filing fee.

1. BASIC FILING FEE

| <u>Large Entity</u> | | <u>Small Entity</u> | | | |
|---------------------|-------------|---------------------|-------------|------------------------------------|-----------------|
| <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | | |
| <u>Code</u> | <u>(\$)</u> | <u>Code</u> | <u>(\$)</u> | <u>Fee Description</u> | <u>Fee Paid</u> |
| 1001 | 770 | 2001 | 385 | Utility application filing fee | 770.00 |
| 1002 | 340 | 2002 | 170 | Design application filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional application filing fee | |

SUBTOTAL (1) \$ 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | <u>Extra Claims</u> | | <u>Fee from below</u> | <u>Fee Paid</u> |
|--------------------|-----------|---------------------|----------|-----------------------|-----------------|
| Total Claims | <u>19</u> | - 20** = | <u>0</u> | X | = |
| Independent Claims | <u>2</u> | - 3** = | <u>0</u> | X | = |
| Multiple Dependent | | | | | = |

****Or number previously paid, if greater; For Reissues, see below.**

| <u>Large Entity</u> | | <u>Small Entity</u> | | |
|---------------------|------|---------------------|------|---|
| Fee | Fee | Fee | Fee | |
| Code | (\$) | Code | (\$) | <u>Fee Description</u> |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$_____

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

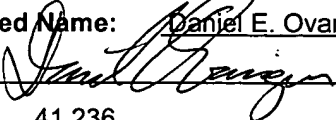
| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------------|-------------|---------------------|-------------|---|-----------------|
| <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | <u>Fee</u> | | |
| <u>Code</u> | <u>(\$)</u> | <u>Code</u> | <u>(\$)</u> | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | _____ |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ |
| 1053 | 130 | 1053 | 130 | Non-English specification | _____ |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | _____ |
| 1813 | 8,800 | 1813 | 8,800 | Request for inter parties reexamination | _____ |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | _____ |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | _____ |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | _____ |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | _____ |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | _____ |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | _____ |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | _____ |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | _____ |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | _____ |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | _____ |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | _____ |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | _____ |
| 1502 | 480 | 2502 | 240 | Design issue fee | _____ |
| 1503 | 640 | 2503 | 320 | Plant issue fee | _____ |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | _____ |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | _____ |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | _____ |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | _____ |
| 1809 | 770 | 2809 | 385 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | _____ |
| 1814 | 110 | 2814 | 55 | Statutory Disclaimer | _____ |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (see 37 CFR 1.129(b)) | _____ |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | _____ |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | _____ |
| 1504 | 300 | 1504 | 300 | Publication fee for early, voluntary, or normal pub. | _____ |
| 1505 | 300 | 1505 | 300 | Publication fee for republication | _____ |
| 1803 | 130 | 1803 | 130 | Request for voluntary publication or republication | _____ |
| 1808 | 130 | 1808 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | _____ |
| 1454 | 1,330 | 1454 | 1,330 | Acceptance of unintentionally delayed claim for priority | _____ |
| Other fee (specify) _____ | | | | | _____ |
| Other fee (specify) _____ | | | | | _____ |

SUBTOTAL (3) \$ _____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Daniel E. Ovanezian

Signature:  Date: 4/21/04

Reg. Number: 41,236 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney's Docket No. 1207.P004XC6

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Benjamin S. Ting

Examiner: Not yet assigned

Application No.: Not yet assigned

Art Unit: Not yet assigned

Filed: Herewith

For: ARCHITECTURE AND
INTERCONNECT SCHEME FOR
PROGRAMMABLE LOGIC
CIRCUITS

a Continuation of

Application No.: 10/428,724

Filed: May 1, 2003

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

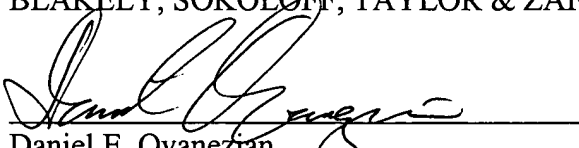
SUBMISSION OF FORMAL DRAWINGS

Enclosed herewith for submission in the United States patent application
referenced above are twenty-two (22) sheets of formal drawings.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 4/21, 2004


Daniel E. Ovanezian
Registration No. 41,236

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025-1026
(408)720-8300

"Express Mail" mailing label number: EV409358900US

Date of Deposit: 4/21/04

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450

JUANITA BRISCOE

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

4/21/04

(Date signed)